

## Answer Key

### Quantitative Review

1.  $\frac{1}{2}$   
 $\frac{1}{2} = \frac{1}{2} \times \frac{1}{1} = \frac{1 \times 1}{2 \times 1} = \frac{1}{2}$
2.  $\frac{2}{3}$   
 $\frac{2}{3} = \frac{2}{3} \times \frac{1}{1} = \frac{2 \times 1}{3 \times 1} = \frac{2}{3}$
3.  $\frac{1}{4}$   
 $\frac{1}{4} = \frac{1}{4} \times \frac{1}{1} = \frac{1 \times 1}{4 \times 1} = \frac{1}{4}$
4.  $\frac{3}{4}$   
 $\frac{3}{4} = \frac{3}{4} \times \frac{1}{1} = \frac{3 \times 1}{4 \times 1} = \frac{3}{4}$
5.  $\frac{1}{5}$   
 $\frac{1}{5} = \frac{1}{5} \times \frac{1}{1} = \frac{1 \times 1}{5 \times 1} = \frac{1}{5}$
6.  $\frac{2}{5}$   
 $\frac{2}{5} = \frac{2}{5} \times \frac{1}{1} = \frac{2 \times 1}{5 \times 1} = \frac{2}{5}$
7.  $\frac{3}{5}$   
 $\frac{3}{5} = \frac{3}{5} \times \frac{1}{1} = \frac{3 \times 1}{5 \times 1} = \frac{3}{5}$
8.  $\frac{4}{5}$   
 $\frac{4}{5} = \frac{4}{5} \times \frac{1}{1} = \frac{4 \times 1}{5 \times 1} = \frac{4}{5}$
9. Commutative property of addition
10. Associative property of addition
11. Identity property of addition
12. Inverse property of addition
13. Distributive property
14. Inverse property of multiplication:  $100 \cdot \frac{1}{100}$   
 $100 \cdot \frac{1}{10} = 10$ ;  $100 \cdot \frac{1}{5} = 20$ ;  $100 \cdot \frac{1}{2} = 50$ ;  $100 \cdot \frac{1}{1} = 100$ ;  $100 \cdot \frac{1}{100} = 1$   
 $100 \cdot \frac{1}{1000} = \frac{1}{10}$ ;  $100 \cdot \frac{1}{10000} = \frac{1}{100}$
15.  $100 \cdot \frac{1}{100} = 1$ ;  $100 \cdot \frac{1}{10} = 10$ ;  $100 \cdot \frac{1}{5} = 20$ ;  $100 \cdot \frac{1}{2} = 50$ ;  $100 \cdot \frac{1}{1} = 100$   
 $100 \cdot \frac{1}{100} = 1$ ;  $100 \cdot \frac{1}{1000} = \frac{1}{10}$ ;  $100 \cdot \frac{1}{10000} = \frac{1}{100}$
16.  $100 \cdot \frac{1}{100} = 1$ ;  $100 \cdot \frac{1}{10} = 10$ ;  $100 \cdot \frac{1}{5} = 20$ ;  $100 \cdot \frac{1}{2} = 50$ ;  $100 \cdot \frac{1}{1} = 100$   
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17.  $100 \cdot \frac{1}{100} = 1$ ;  $100 \cdot \frac{1}{10} = 10$ ;  $100 \cdot \frac{1}{5} = 20$ ;  $100 \cdot \frac{1}{2} = 50$ ;  $100 \cdot \frac{1}{1} = 100$   
 $100 \cdot \frac{1}{100} = 1$ ;  $100 \cdot \frac{1}{1000} = \frac{1}{10}$ ;  $100 \cdot \frac{1}{10000} = \frac{1}{100}$
18.  $a + b = b + a$   
 $\frac{1}{2} + \frac{1}{3} = \frac{3}{6} + \frac{2}{6} = \frac{5}{6}$
19.  $a + b = b + a$   
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